U.S.	DEP	ART	MENT	OF	COM	MERCE	
PAT	FNT	AND	TRAD	EM.	ΔRK	OFFICE	

PATENT WITHDRAWAL NOTICE

DATE WITHDRAWN	WITHDRAWAL NUMBER
11/19/10	18770
The following application	has been WITHDRAWN from the
Tuesday, Dec	cember 07, 2010 issue.
SERIAL NO.	PATENT NUMBER
10/591,947	7,847,327
DRAWINGS	CLASS
010	257/421
TITLE MAGNETIC TUNNEL JUNCTION DEVICE AND	MEMORY DEVICE INCLUDING THE SAME
NAME AND ADDRESS	
SHINJI YUASA IBARAKI, JAPAN	
REASON FOR WITHDRAWAL	
Office of Petitions granted applicant's request to wit	hdraw patent from issue.
APPROVED	
/Kimberly	Terrell/, Manager
Patent F	Publication Branch f Data Management

FORM PTO-302 -- (REV. 05-2009)